

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/432,503
				Filing Date	November 2, 1999
				First Named Inventor	Cech, Thomas R.
				Art Unit	1635
				Examiner Name	Jon E. Angell
Sheet	1	of	2	Attorney Docket Number	015389-002611US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
1		US 4,889,806	12-26-1989	Olson et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
					T ⁶

Examiner Signature		Date Considered
--------------------	--	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
				Application Number	09/432,503
				Filing Date	November 2, 1999
				First Named Inventor	Cech, Thomas R.
				Art Unit	1635
				Examiner Name	Jon E. Angell
Sheet	2	of	2	Attorney Docket Number	015389-002611US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	2	ABAZA, M. et al., "Effects of amino acid substitutions outside an antigenic site on protein binding to monoclonal antibodies of predetermined specificity obtained by peptide immunization: demonstration with region 94-100 (antigenic site 3) of myoglobin," <i>J. Prot. Chem.</i> 11(5):433-44 (1992).	<input type="checkbox"/>
	3	COLMAN, P., "Effects of amino acid sequence changes on antibody-antigen interactions," <i>Res. Immunol.</i> 145(1):33-6 (1994).	<input type="checkbox"/>
	4	HARLOW, E. & LANE, D., <u>Antibodies, A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, pp. 93-94, 142, 238 (1988).	<input type="checkbox"/>
	5	HERBERT, J. et al., <u>The Dictionary of Immunology</u> , 4 th Edition, Academic Press, London, p. 58 (1995).	<input type="checkbox"/>
	6	ISHIKAWA, F. & NAKAYAMA, J., "A mammalian telomerase component gene TLP1," <i>Protein Nucleic Acid and Enzyme</i> 42(9):1407-19 (July 1997). Japanese Language document WITH English Translation of Abstract.	<input checked="" type="checkbox"/>
	7	TAKANO, M. & ISHIKAWA, F., The Adjustment Foundation of Science and Technology Promotion News, Vol. 160, pp. 0-6 (July 11, 1997). Japanese language document WITH English Translation of Abstract.	<input checked="" type="checkbox"/>
	8	TANAKA, T. et al., "Efficient generation of antibodies to oncoproteins by using synthetic peptide antigens," <i>Proc. Natl. Acad. Sci. USA</i> 82:3400-4 (1985).	<input type="checkbox"/>
	9	TATEMATSU, K. et al., <i>Tissue Culture</i> 23(1):4-11 (Jan 1997). Japanese language document WITH English Translation of Introduction.	<input checked="" type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.